## SEQUENCE LISTING

		SEQUENCE LISTING
	(1) GENI	ERAL INFORMATION:
5	(i)	APPLICANT: Degli-Esposti, Mariapia Goodwin, Raymond
	(ii)	TITLE OF INVENTION: Novel Receptor That Causes Cell Death
10	(iii)	NUMBER OF SEQUENCES: 6
15	(iv)	CORRESPONDENCE ADDRESS:  (A) ADDRESSEE: Immunex (B) STREET: 51 University Street (C) CITY: Seattle (D) STATE: WA (E) COUNTRY: USA (F) ZIP: 98101
20	(v)	COMPUTER READABLE FORM:  (A) MEDIUM TYPE: Floppy disk  (B) COMPUTER: Apple Power Macintosh  (C) OPERATING SYSTEM: Apple Operating System 7.5.3  (D) SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
25	(vi)	CURRENT APPLICATION DATA:  (A) APPLICATION NUMBER:  (B) FILING DATE: 03 OCTOBER 1997  (C) CLASSIFICATION:
30	(vii)	PRIOR APPLICATION DATA:  (A) APPLICATION NUMBER: USSN 60/044,456  (B) FILING DATE: 04 OCTOBER 1996  (C) CLASSIFICATION:
35 40	(viii)	ATTORNEY/AGENT INFORMATION:  (A) NAME: Perkins, Patricia Anne  (B) REGISTRATION NUMBER: 34,693  (C) REFERENCE/DOCKET NUMBER: 2849-A
40	(ix)	TELECOMMUNICATION INFORMATION: (A) TELEPHONE: 2065870430
45	(2) INFO	RMATION FOR SEQ ID NO:1:
50	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 1847 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: not relevant
	(ii)	MOLECULE TYPE: cDNA
55	(iii)	HYPOTHETICAL: NO
	(iv)	ANTI-SENSE: NO
60	(vii)	IMMEDIATE SOURCE: (B) CLONE: AIR

## (ix) FEATURE:

(A) NAME/KEY: CDS
(B) LOCATION: 236..1489

			``	J, <u>L</u>	,0111												
5	CTT			QUENC								TGAT	CAC	GCC (	STCCI	CCTTG	60
	GGGZ	ATGA	GCA (	GCGC	GCCC	ST GA	ACGG	CGTC	TGC	STGC	CCCT	CGAT	CTTC	GCT (	CAGC	AGCACC	120
10	GGG	CGGC:	rgc :	rctgo	CGGCC	CT GO	SAGTO	GAT	т тс	GCC	GCCA	TGTT	rcgc	GCG (	GCGAC	CTGCTG	180
15	CGG	CCTC	CTC (	GGCA	GCAC	GC CC	CATC	AGCTO	G ACC	CCT	GGC	GCC	CGTC	GGA (	GGCT	Met 1	238
15														CTC Leu 15			286
20														CCC Pro			334
25														TGT Cys			382
30														GAG Glu			430
35														TTG Leu			478
33														TGT Cys 95			526
40				Gln										GCC Ala			574
45		Cys	Gly	Cys							Ģļu			GTC Val			622
50	Cys		Ser											GAC Asp			670
55														GAT Asp			718
JJ														GGC Gly 175			766
60														TGT Cys			814

			180					185					190			
5						-							CTC Leu			862
10													TAC Tyr			910
10													GAA Glu			958
15													CCC Pro			1006
20													AAG Lys 270			1054
25													CCC Pro			1102
20													CAG Gln			1150
30													CCA Pro			1198
35													CAG Gln			1246
40				Ala									TTC Phe 350			1294
45													GTG Val			1342
50													TGG Trp			1390
50													GAG Glu			1438
55													CAG Gln			1486
60	TGA *	CAC	GGCG	ccc i	ACTT	GCCA	CC T	AGGC	GCTC'	r GG	rggc	CCTT	GCA	GAAG	ccc	1539

	TAAGTACGGT	TACTTATGCG	TGTAGACATT	TTATGTCACT	TATTAAGCCG	CTGGCACGGC	1599
	CCTGCGTAGC	AGCACCAGCC	GGCCCCACCC	CTGCTCGCCC	CTATCGCTCC	AGCCAAGGCG	1659
5	AAGAAGCACG	AACGAATGTC	GAGAGGGGGT	GAAGACATTT	CTCAACTTCT	CGGCCGGAGT	1719
	TTGGCTGAGA	TCGCGGTATT	AAATCTGTGA	AAGAAAACAA	AAAAAAAAA	ACCGGAATTC	1779
10	GATATCAAGC	TTATCGATAC	CGTCGACCTC	GAGGGGGGC	CCGGTACCCA	ATTCGCCCTA	1839
10	TAGTGAGT	<u></u>					1847

(2) INFORMATION FOR SEQ ID NO:2:

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- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 417 amino acids
  - (B) TYPE: amino acid
  - (D) TOPOLOGY: linear

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- (ii) MOLECULE TYPE: protein
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
- 25 Met Glu Gln Arg Pro Arg Gly Cys Ala Ala Val Ala Ala Ala Leu Leu 1 5 10 15
  - Leu Val Leu Leu Gly Ala Arg Ala Gln Gly Gly Thr Arg Ser Pro Arg
    20 25 30
  - Cys Asp Cys Ala Gly Asp Phe His Lys Lys Ile Gly Leu Phe Cys Cys 35 40 45
- Arg Gly Cys Pro Ala Gly His Tyr Leu Lys Ala Pro Cys Thr Glu Pro 55 60
  - Cys Gly Asn Ser Thr Cys Leu Val Cys Pro Gln Asp Thr Phe Leu Ala 65 . 70 . 75 . 80
- 40 Trp Glu Asn His His Asn Ser Glu Cys Ala Arg Cys Gln Ala Cys Asp 85 90 95
  - Glu Gln Ala Ser Gln Val Ala Leu Glu Asn Cys Ser Ala Val Ala Asp 100 105 110
  - Thr Arg Cys Gly Cys Lys Pro Gly Trp Phe Val Glu Cys Gln Val Ser 115 120 125
- Gln Cys Val Ser Ser Ser Pro Phe Tyr Cys Gln Pro Cys Leu Asp Cys 130 135 140
  - Gly Ala Leu His Arg His Thr Arg Leu Leu Cys Ser Arg Arg Asp Thr 145 150 155 160
- 55 Asp Cys Gly Thr Cys Leu Pro Gly Phe Tyr Glu His Gly Asp Gly Cys 165 170 175
- Val Ser Cys Pro Thr Ser Thr Leu Gly Ser Cys Pro Glu Arg Cys Ala 180 185 190
  - Ala Val Cys Gly Trp Arg Gln Met Phe Trp Val Gln Val Leu Leu Ala

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			195					200					205			
5	Gly	Leu 210	Val	Val	Pro	Leu	Leu 215	Leu	Gly	Ala	Thr	Leu 220	Thr	Tyr	Thr	Tyr
3	Arg 225	His	Cys	Trp	Pro	His 230	Lys	Pro	Leu	Val	Thr 235	Ala	Asp	Glu	Ala	Gly 240
10	Met	Glu	Ala	Leu	Thr 245	Pro	Pro	Pro	Ala	Thr 250	His	Leu	Ser	Pro	Leu 255	Asp
	Ser	Ala	His	Thr 260	Leu	Leu	Ala	Pro	Pro 265	Asp	Ser	Ser	Glu	Lys 270	Ile	Cys
15	Thr	Val	Gln 275	Leu	Val	Gly	Asn	Ser 280	Trp	Thr	Pro	Gly	Tyr 285	Pro	Glu	Thr
20	Gln	Glu 290	Ala	Leu	Cys	Pro	Gln 295	Val	Thr	Trp	Ser	Trp 300	Asp	Gln	Leu	Pro
20	Ser 305	Arg	Ala	Leu	Gly	Pro 310	Ala	Ala	Ala	Pro	Thr 315	Leu	Ser	Pro	Glu	Ser 320
25	Pro	Ala	Gly	Ser	Pro 325	Ala	Met	Met	Leu	Gln 330	Pro	Gly	Pro	Gln	Leu 335	Tyr
	Asp	Val	Met	Asp 340	Ala	Val	Pro	Ala	Arg 345	Arg	Trp	Lys	Glu	Phe 350	Val	Arg
30	Thr	Leu	Gly 355	Leu	Arg	Glu	Ala	Glu 360	Ile	Glu	Ala	Val	Glu 365	Val	Glu	Ile
35	Gly	Arg 370	Phe	Arg	Asp	Gln	Gln 375	Tyr	Glu	Met	Leu	Lys 380	Arg	Trp	Arg	Gln
<i>33</i>	Gln 385	Gln	Pro	Ala	Gly	Leu 390	Gly	Ala	Val	Tyr	Ala 395	Ala	Leu	Glu	Arg	Met 400
40	Gly	Leu	Asp	Gly	Cys 405	Val	Glu	Asp	Leu	Arg 410	Ser	Arg	Leu	Gln	Arg 415	Gly
	Pro	*														
45	(2)	INF	ORMA'	r ion	FOR	SEQ	ID i	NO:3	:							

- - (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 8 amino acids
  - (B) TYPE: amino acid
    (C) STRANDEDNESS: not relevant
    (D) TOPOLOGY: linear
  - (ii) MOLECULE TYPE: peptide
- 55 (vii) IMMEDIATE SOURCE:
  - (B) CLONE: FLAG® peptide
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
- Asp Tyr Lys Asp Asp Asp Lys 1

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	(2)	INFO	RMAT	rion	FOR	SEQ	ID N	NO:4:	;							
5		(i)	(Z	QUENC	ENGT	1: 23	32 an	nino		is						
10			(0	3) TY C) ST O) TO	RANI	EDNE	ESS:	not	rele	evant	;					
		(ii)	MOI	LECUI	E TY	PE:	prot	cein								
15		(vi)	OR:	IGINA A) OF				an								
·		(vii)	IMN (I	MEDIA B) CI				c mut	ein							
20		(xi)	SE	QUENC	CE DI	ESCRI	[PTIC	ON: S	SEQ I	ID NO	):4:					
	Glu 1	Pro	Arg	Ser	Cys 5	Asp	Lys	Thr	His	Thr 10	Cys	Pro	Pro	Cys	Pro 15	Ala
25	Pro	Glu	Ala	Glu 20	Gly	Ala	Pro	Ser	Val 25	Phe	Leu	Phe	Pro	Pro 30	Lys	Pro
	Lys	Asp	Thr 35	Leu	Met	Ile	Ser	Arg 40	Thr	Pro	Glu	Val	Thr 45	Cys	Val	Val
30	Val	Asp 50	Val	Ser	His	Glu	Asp 55	Pro	Glu	Val	Lys	Phe 60	Asn	Trp	Tyr	Val
35	Asp 65	Gly	Val	Glu	Val	н <b>і</b> s 70	Asn	Ala	Lys	Thr	Lys 75	Pro	Arg	Glu	Glu	Gln 80
	Tyr	Asn	Ser	Thr	Tyr 85	Arg	Val	Val	Ser	Val 90	Leu	Thr	Val	Leu	His 95	Gln
40	Asp	Trp	Leu	Asn 100	Gly	Lys	Asp	Tyr	Lys 105	Cys	Lys	Val	Ser	Asn 110	Lys	Ala
	Leu	Pro	Ala 115	Pro	Met	Gln	Lys	Thr 120	Ile	Ser	Lys	Ala	Lys 125	Gly	Gln	Pro
45	Àrg	Glu 130	Pro	Gln	Val	Tyr	Thr 135	Leu	Pro	Pro	Ser	Arg 140	Asp	Glu	Leu	Thr
50	Lys 145	Asn	Gln	Val	Ser	Leu 150	Thr	Cys	Leu	Val	Lys 155	Gly	Phe	Tyr	Pro	Arg 160
	His	Ile	Ala	Val	Glu 165	Trp	Glu	Ser	Asn	Gly 170	Gln	Pro	Glu	Asn	Asn 175	Туг
55	Lys	Thr	Thr	Pro 180	Pro	Val	Leu	Asp	Ser 185	Asp	Gly	Ser	Phe	Phe 190	Leu	Tyr
	Ser	Lys	Leu	Thr	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val	Phe

Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys 210 225

	Ser 225	Leu	Ser	Leu	Ser	Pro 230	Gly	Lys						
5	(2)	INF	ORMA'	rion	FOR	SEQ	ID I	NO:5	:					
10		(i)	(1 (1	QUENCA) LI B) T: C) S: C) T(	ENGTI YPE : IRANI	nuci DEDNI	251 1 leic ESS:	oase acio sino	pai: d	rs				
15				LECUI				A						
				ri-si			NO							
20		(vi)		IGINZ A) OI				ine i	ATR					
25		(ix)	) FE	ATURI A) Ni B) Lo	E: AME/I	KEY:	CDS							
30	GTC0	GAC A	ATG (		GCA (	CGG (	CTG (	CTG (	CGG (	GGC :	rgc (		CCT (	48
35													CAG Gln	96
40													CAG Gln 45	144
45													TAC Tyr	192
43													CCC Pro	240
50													GAC Asp	288
55													CTT Leu	336
60													GGC Gly 125	384

					TCC Ser												432
5					GGG Gly												480
10					CCT Pro												528
15					TTC Phe												576
20					CAG Gln 195												624
					GCT Ala												672
25					GTC Val												720
30					GCC Ala												768
35					AGC Ser												816
40					TGG Trp 275												864
					TCA Ser												912
45					GCA Ala												960
50					CTC Leu												1008
55					CGA Arg												1056
60					ATT Ile 355												1104
50	GAC	CAG	CAG	TAT	GAG	ATG	CTC	AAG	CGC	TGG	CGT	CAG	CAG	CAG	CCT	GCA	1152

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	Asp	Gln	Gln	Tyr 370	Glu	Met	Leu	Lys	Arg 375	Trp	Arg	Gln	Gln	Gln 380	Pro	Ala	
5															GAA Glu		1200
10									CTG Leu					TGA	TGCG	GCC	1249
	GC																1251

- 15 (2) INFORMATION FOR SEQ ID NO:6:
  - (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 411 amino acids
    - (B) TYPE: amino acid
  - (D) TOPOLOGY: linear
    - (ii) MOLECULE TYPE: protein
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
  - Met Glu Ala Arg Leu Leu Arg Gly Cys Val Val Glu Pro Leu Phe Leu 1 5 10 15
- Pro Leu Leu Leu Leu Leu Leu Leu Leu Gly Gl<br/>y Gln Gly Gl<br/> 30 25 30
  - Gly Met Ser Gly Arg Cys Asp Cys Ala Ser Glu Ser Gln Lys Arg Tyr 35 40 45
- 35 Gly Pro Phe Cys Cys Arg Gly Cys Pro Lys Gly His Tyr Met Lys Ala 50 55 60
- Pro Cys Ala Glu Pro Cys Gly Asn Ser Thr Cys Leu Pro Cys Pro Ser 65 70 75 80
  - Asp Thr Phe Leu Thr Arg Asp Asn His Phe Lys Thr Asp Cys Thr Arg 85 90 95
- Cys Gln Val Cys Asp Glu Glu Ala Leu Gln Val Thr Leu Glu Asn Cys
  100 105 110
  - Ser Ala Lys Ser Asp Thr His Cys Gly Cys Gln Ser Gly Trp Cys Val
- 50 Asp Cys Ser Thr Glu Pro Cys Gly Lys Ser Ser Pro Phe Ser Cys Val
- Pro Cys Gly Ala Thr Thr Pro Val His Glu Ala Pro Thr Pro Arg Pro 145 150 155 160
  - Cys Leu Pro Gly Phe Tyr Ile Arg Gly Asn Asp Cys Thr Ser Cys Pro 165 170 175
- Thr Gly Phe Ser Ser Val Cys Pro Lys Ala Cys Thr Ala Val Cys Gly 180 185 . 190

